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Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=5; day=14; hr=11; min=19; sec=33; ms=476;]

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Application No: 10585296 Version No: 2.0

Input Set:**Output Set:**

Started: 2010-05-10 17:36:04.655
Finished: 2010-05-10 17:36:09.345
Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 690 ms
Total Warnings: 89
Total Errors: 0
No. of SeqIDs Defined: 90
Actual SeqID Count: 90

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Input Set:

Output Set:

Started: 2010-05-10 17:36:04.655
Finished: 2010-05-10 17:36:09.345
Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 690 ms
Total Warnings: 89
Total Errors: 0
No. of SeqIDs Defined: 90
Actual SeqID Count: 90

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

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 Mayumi, Tadanori
 Tsutsumi, Yasuo
 Nakagawa, Shinsaku

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 INGREDIENT

<130> MAYUMI=4

<140> 10585296

<141> 2010-05-10

<150> JP 2004-001427

<151> 2005-01-06

<150> PCT/JP05/00032

<151> 2005-01-05

<160> 90

<170> PatentIn version 3.5

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 35 40 45

Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe
 50 55 60

Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
 65 70 75 80

Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala
 85 90 95

Ile Lys Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys
100 105 110

Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys
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gtg gtg cca tca gag ggc ctg tac ctc atc tac tcc cag gtc ctc ttc 192
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85 90 95

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Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe	
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gtg gtg cca tca gag ggc ctg tac ctc atc tac tcc cag gtc ctc ttc	192
Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe	
50 55 60	
tcg ggc caa ggc tgc ccc tcc acc cat gtg ctc ctc acc cac acc atc	240
Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile	
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agc cgc atc gcc gtc tcc tac cag acc cgg gtc aac ctc ctc tct gcc	288
Ser Arg Ile Ala Val Ser Tyr Gln Thr Arg Val Asn Leu Leu Ser Ala	
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Ile Ala Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Leu	
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ccc tgg tat gag ccc atc tat ctg gga ggg gtc ttc cag ctg gag acc	384

Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Thr	
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ggt gac cga ctc agc gct gag atc aat cgg ccc gac tat ctc gac ttt	432
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Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe	
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tcg ggc caa ggc tgc ccc tcc acc cat gtg ctc ctc acc cac acc atc	240
Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile	
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agc cgc atc gcc gtc tcc tac cag acc gac gtc aac ctc ctc tct gcc	288
Ser Arg Ile Ala Val Ser Tyr Gln Thr Asp Val Asn Leu Leu Ser Ala	
85 90 95	
atc gcc agc ccc tgc cag agg gag acc cca gag ggg gct gag gcc ctc	336
Ile Ala Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Leu	
100 105 110	
ccc tgg tat gag ccc atc tat ctg gga ggg gtc ttc cag ctg gag acc	384
Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Thr	
115 120 125	

ggt gac cga ctc agc gct gag atc aat cgg ccc gac tat ctc gac ttt 432
 Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe
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Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe
 50 55 60

Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
 65 70 75 80

Ser Arg Ile Ala Val Ser Tyr Gln Thr Pro Val Asn Leu Leu Ser Ala

Ile Arg Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Asn
100 105 110

Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Pro
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gta gca aac cct caa gct gag ggg cag ctc cag tgg nns aac nns nns      96
Val Ala Asn Pro Gln Ala Glu Gly Gln Leu Gln Trp Xaa Asn Xaa Xaa
          20          25          30

gcc aat gcc ctc ctg gcc aat ggc gtg gag ctg aga gat aac cag ctg      144
Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu
          35          40          45

gtg gtg cca tca gag ggc ctg tac ctc atc tac tcc cag gtc ctc ttc      192
Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe
          50          55          60

tcg ggc caa ggc tgc ccc tcc acc cat gtg ctc ctc acc cac acc atc      240
Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
          65          70          75          80

agc cgc atc gcc gtc tcc tac cag acc ccc gtc aac ctc ctc tct gcc      288
Ser Arg Ile Ala Val Ser Tyr Gln Thr Pro Val Asn Leu Leu Ser Ala
          85          90          95

atc cgc agc ccc tgc cag agg gag acc cca gag ggg gct gag gcc aac      336
Ile Arg Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Asn
          100          105          110

ccc tgg tat gag ccc atc tat ctg gga ggg gtc ttc cag ctg gag ccg      384
Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Pro
          115          120          125

ggg gac cga ctc agc gct gag atc aat cgg ccc gac tat ctc gac ttt      432
Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe
          130          135          140

nns nns nns ggg cag gtc tac ttt ggg atc att gcc ctg      471
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Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu
35 40 45

Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe
50 55 60

Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
65 70 75 80

Ser Arg Ile Xaa Xaa Xaa Xaa Xaa Xaa Pro Val Asn Leu Leu Ser Ala
85 90 95

Ile Arg Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Asn
100 105 110

Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Pro
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gta	gca	aac	cct	caa	gct	gag	ggg	cag	ctc	cag	tgg	ctg	aac	cgc	cgg	96
Val	Ala	Asn	Pro	Gln	Ala	Glu	Gly	Gln	Leu	Gln	Trp	Leu	Asn	Arg	Arg	
		20					25				30					

gcc	aat	gcc	ctc	ctg	gcc	aat	ggc	gtg	gag	ctg	aga	gat	aac	cag	ctg	144
Ala	Asn	Ala	Leu	Leu	Ala	Asn	Gly	Val	Glu	Leu	Arg	Asp	Asn	Gln	Leu	
	35					40					45					

gtg	gtg	cca	tca	gag	ggc	ctg	tac	ctc	atc	tac	tcc	cag	gtc	ctc	ttc	192
Val	Val	Pro	Ser	Glu	Gly	Leu	Tyr	Leu	Ile	Tyr	Ser	Gln	Val	Leu	Phe	
	50				55				60							

tcg	ggc	caa	ggc	tgc	ccc	tcc	acc	cat	gtg	ctc	ctc	acc	cac	acc	atc	240
Ser	Gly	Gln	Gly	Cys	Pro	Ser	Thr	His	Val	Leu	Leu	Thr	His	Thr	Ile	
65				70					75					80		

agc	cgc	atc	nns	nns	nns	nns	nns	nns	ccc	gtc	aac	ctc	ctc	tct	gcc	288
Ser	Arg	Ile	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Pro	Val	Asn	Leu	Leu	Ser	Ala	
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Ile	Arg	Ser	Pro	Cys	Gln	Arg	Glu	Thr	Pro	Glu	Gly	Ala	Glu	Ala	Asn		
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ccc	tgg	tat	gag	ccc	atc	tat	ctg	gga	ggg	gtc	ttc	cag	ctg	gag	ccg	384	
Pro	Trp	Tyr	Glu	Pro	Ile	Tyr	Leu	Gly	Gly	Val	Phe	Gln	Leu	Glu	Pro		
			115				120						125				
ggt	gac	cga	ct														